

ABSTRACT OF THE DISCLOSURE

A reactive material that includes at least one of a fuel, an oxidizer, and a class 1.1 explosive and is formulated for use in a reactive material projectile. The reactive material is formulated to provide at least one of an overpressure of greater than approximately 9 pounds per square inch at a radial measurement of 12 inches from a point of impact on a target, a hole greater than approximately 2 square inches at an optimum penetration level in a target, and pressure, damage, and a flame when the reactive material bullet impacts a target. The fuel may be a metal, a fusible metal alloy, an organic fuel, or mixtures thereof. The oxidizer may be an inorganic oxidizer, sulfur, a fluoropolymer, or mixtures thereof. A reactive material projectile having the reactive material disposed therein is also disclosed.

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